Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	25167	530/300,350,324-330,332.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/04/21 13:47
L2	286	l1 and (beta adj amino)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/04/21 13:47
L3	46	l2 and (multimer or foldamer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/04/21 13:47
L4	340	gellman.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/04/21 13:48
L5	21	l4 and peptide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/04/21 13:48
L6	11480	hayen.in. or schmitt.in. or ngassa.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/04/21 13:48
L7	11817	l6 or l4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/04/21 13:48
L8	25	l7 and l1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/04/21 13:48

PALM INTRANET

Inventor Information for 10/648089

Inventor Name	City	State/Country
GELLMAN, SAMUEL H.	MADISON	WISCONSIN
HAYEN, AHLKE	GOTHENBURG	WISCONSIN
SCHMITT, MARGARET A.	MADISON	WISCONSIN
NGASSA, FELIX N.	EAST LANSING	MICHIGAN

| Appln Info | Contents | Petition Info | Atty/Agent Info | Continuity Data | Foreign Data |

Search Another: Application# [ ] Search or **Patent#** [ ] Search

PCT / [ ] / [ ] Search or **PG PUBS #** [ ] Search

Attorney Docket # [ ] Search

Bar Code # [ ] Search

To go back use Back button on your browser toolbar.

Back to PALM | ASSIGNMENT | OASIS | Home page

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssspta1653adk

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR 7):2

* * * * * * * * * *   Welcome to STN International   * * * * * * * * * *

NEWS 1   Web Page URLs for STN Seminar Schedule - N. America
NEWS 2   "Ask CAS" for self-help around the clock
NEWS 3 FEB 25   CA/CAPLUS - Russian Agency for Patents and Trademarks
                  (ROSPATENT) added to list of core patent offices covered
NEWS 4 FEB 28   PATDPAFULL - New display fields provide for legal status
                  data from INPADOC
NEWS 5 FEB 28   BABS - Current-awareness alerts (SDIs) available
NEWS 6 FEB 28   MEDLINE/LMEDLINE reloaded
NEWS 7 MAR 02   GBFULL: New full-text patent database on STN
NEWS 8 MAR 03   REGISTRY/ZREGISTRY - Sequence annotations enhanced
NEWS 9 MAR 03   MEDLINE file segment of TOXCENTER reloaded
NEWS 10 MAR 22   KOREAPAT now updated monthly; patent information enhanced
NEWS 11 MAR 22   Original IDE display format returns to REGISTRY/ZREGISTRY
NEWS 12 MAR 22   PATDPASPC - New patent database available
NEWS 13 MAR 22   REGISTRY/ZREGISTRY enhanced with experimental property tags
NEWS 14 APR 04   EPFULL enhanced with additional patent information and new
                  fields
NEWS 15 APR 04   EMBASE - Database reloaded and enhanced
NEWS 16 APR 18   New CAS Information Use Policies available online

NEWS EXPRESS   JANUARY 10 CURRENT WINDOWS VERSION IS V7.01a, CURRENT
               MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
               AND CURRENT DISCOVER FILE IS DATED 10 JANUARY 2005

NEWS HOURS   STN Operating Hours Plus Help Desk Availability
NEWS INTER   General Internet Information
NEWS LOGIN   Welcome Banner and News Items
NEWS PHONE   Direct Dial and Telecommunication Network Access to STN
NEWS WWW   CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
specific topic.

All use of STN is subject to the provisions of the STN Customer
agreement. Please note that this agreement limits use to scientific
research. Use for software development or design or implementation
of commercial gateways or other similar uses is prohibited and may
result in loss of user privileges and other penalties.

* * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 16:14:09 ON 20 APR 2005

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 19 APR 2005 HIGHEST RN 848813-58-1
DICTIONARY FILE UPDATES: 19 APR 2005 HIGHEST RN 848813-58-1

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

   Please note that search-term pricing does apply when
   conducting SmartSELECT searches.

....
.   .
. The CA roles and document type information have been removed from .
. the IDE default display format and the ED field has been added,   .
. effective March 20, 2005. A new display format, IDERL, is now   .
. available and contains the CA role and document type information. .
.   .
....

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
http://www.cas.org/ONLINE/DBSS/registryss.html
=>
Uploading H:\STN queries\10648089a.str

chain nodes :
3   4   5   6   7   8   9   10   13   14   15   16   17   18
ring nodes :
1   2   11   12   19   22
chain bonds :
1-4   2-3   4-5   4-6   6-7   7-8   8-9   8-10   10-11   12-13   13-14   13-15   15-16   16-17

17-18
ring bonds :
1-2   1-19   2-19   11-12   11-22   12-22
exact/norm bonds :
1-2   1-19   2-3   2-19   4-5   4-6   6-7   8-9   8-10   10-11   11-12   11-22   12-22   13-14
13-15   15-16   17-18
exact bonds :
1-4   7-8   12-13   16-17

Match level :
1:Atom 2:Atom 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 9:CLASS
10:CLASS 11:Atom 12:Atom 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS
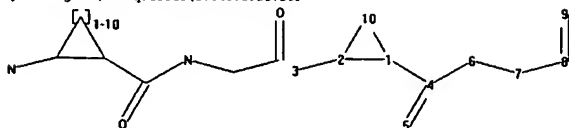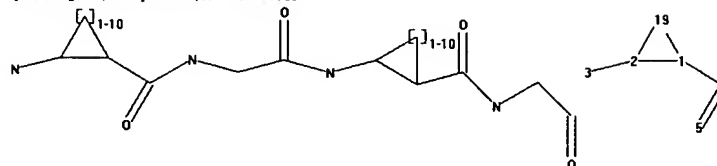18:CLASS 19:Atom 22:Atom

L1   STRUCTURE UPLOADED

=> dis l1
L1 HAS NO ANSWERS
L1   STR
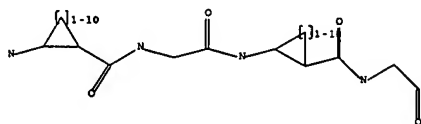
Structure attributes must be viewed using STN Express query preparation.

=>
Uploading H:\STN queries\10648089a1.str

chain nodes :
3   4   5   6   7   8   9
ring nodes :
1   2   10
chain bonds :
1-4   2-3   4-5   4-6   6-7   7-8   8-9
ring bonds :
1-2   1-10   2-10
exact/norm bonds :

1-2   1-10   2-3   2-10   4-5   4-6   6-7   8-9
exact bonds :
1-4   7-8

Match level :
1:Atom 2:Atom 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 9:CLASS
10:Atom

L2   STRUCTURE UPLOADED

=> dis l2
L2 HAS NO ANSWERS
L2   STR
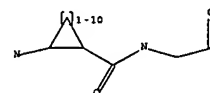
Structure attributes must be viewed using STN Express query preparation.

=> s l1 sam; s l2 sam
SAMPLE SEARCH INITIATED 16:15:46 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -   58 TO ITERATE

100.0% PROCESSED   58 ITERATIONS   2 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS: 704 TO   1616
PROJECTED ANSWERS: 2 TO   124

L3   2 SEA SSS SAM L1

SAMPLE SEARCH INITIATED 16:15:47 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -   618 TO ITERATE

100.0% PROCESSED   618 ITERATIONS   50 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS: 10869 TO   13851
PROJECTED ANSWERS: 5804 TO   8036

L4   50 SEA SSS SAM L2

```
-> s 13 ful; s 14 ful
FULL SEARCH INITIATED 16:15:56 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -   1495 TO ITERATE

100.0% PROCESSED    1495 ITERATIONS                      31 ANSWERS
SEARCH TIME: 00.00.01

L5          31 SEA SSS FUL L1


FULL SEARCH INITIATED 16:15:57 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -  12554 TO ITERATE

100.0% PROCESSED   12554 ITERATIONS                    7159 ANSWERS
SEARCH TIME: 00.00.01

L6        7159 SEA SSS FUL L2

-> fil hcaplus
COST IN U.S. DOLLARS                        SINCE FILE      TOTAL
                                              ENTRY        SESSION
FULL ESTIMATED COST                          323.09        323.30
```

```
-> s 15
L7          9 L5

-> 17 and (pd<20020826 or prd<20020826)
     22447887 PD<20020826
             (PD<20020826)
      3544353 PRD<20020826
             (PRD<20020826)
L8          4 L7 AND (PD<20020826 OR PRD<20020826)

-> 16 and (pd<20020826 or prd<20020826)
      1240 L6
```

```
     22447887 PD<20020826
             (PD<20020826)
      3544353 PRD<20020826
             (PRD<20020826)
L9       1119 L6 AND (PD<20020826 OR PRD<20020826)

-> d 18 1-4 ibib hitstr
```

```
L8   ANSWER 1 OF 4  HCAPLUS  COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER:        2004:28553  HCAPLUS Full-text
DOCUMENT NUMBER:         141:47483
TITLE:                   Conformationally constrained analogues of neuropeptide
                         Y bind to the NPY Y1 receptor
AUTHOR(S):               Koglin, Norman; Zorn, Chiara; Reiser, Oliver;
                         Beck-Sickinger, Annette G.
CORPORATE SOURCE:        Institute of Biochemistry, University of Leipzig,
                         Leipzig, D-04103, Germany
SOURCE:                  Peptides 2002, Proceedings of the European Peptide
                         Symposium, 27th, Sorrento, Italy, Aug. 31-Sept. 6,
                         2002 (2002), 534-535.  Editor(s): Benedetti,
                         Ettore; Pedone, Carlo.  Edizioni Ziino: Castellammare
                         di Stabia, Italy.
                         CODEN: 69EYXG; ISBN: 88-900948-1-8
DOCUMENT TYPE:           Conference
LANGUAGE:                English
IT   556836-93-2 556836-96-5 556836-97-6
     556836-98-7 705283-66-5
     RL: PAC (Pharmacological activity); PRP (Properties); BIOL (Biological
     study)
         (conformationally constrained analogs of neuropeptide Y bind to the NPY
         Y1 receptor)
RN   556836-93-2  HCAPLUS
CN   L-Tyrosinamide, L-arginyl-L-histidyl-L-tyrosyl-L-isoleucyl-L-asparaginyl-L-
     leucyl-L-arginyl-(1R,2R,3R)-2-amino-3-(methoxycarbonyl)cyclopropanecarbo
     nyl-L-arginyl-(1R,2R,3R)-2-amino-3-(methoxycarbonyl)cyclopropanecarbonyl-L-
     arginyl- (9CI)  (CA INDEX NAME)

Absolute stereochemistry.
```
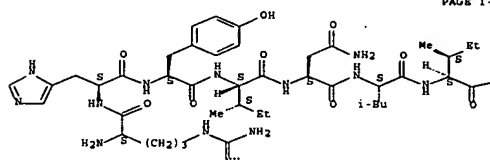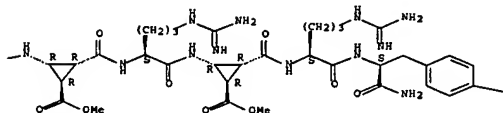
PAGE 1-A

PAGE 1-B

PAGE 1-C

~OH

```
RN   556836-96-5  HCAPLUS
CN   L-Tyrosinamide, L-arginyl-L-histidyl-L-tyrosyl-L-isoleucyl-L-asparaginyl-L-
     leucyl-L-arginyl-(1R,2R,3R)-2-amino-3-(methoxycarbonyl)cyclopropanecarbony
     l-L-arginyl-(1R,2R,3R)-2-amino-3-(methoxycarbonyl)cyclopropanecarbonyl-L-
     arginyl- (9CI)  (CA INDEX NAME)

Absolute stereochemistry.
```

PAGE 1-A

PAGE 1-B

PAGE 1-C

~OH

```
RN   556836-97-6  HCAPLUS
CN   L-Tyrosinamide, L-arginyl-L-histidyl-L-tyrosyl-L-isoleucyl-L-asparaginyl-L-
     leucyl-L-arginyl-(1S,2S,3S)-2-amino-3-(methoxycarbonyl)cyclopropanecarbony
     l-L-arginyl-(1S,2S,3S)-2-amino-3-(methoxycarbonyl)cyclopropanecarbonyl-L-
     arginyl- (9CI)  (CA INDEX NAME)

Absolute stereochemistry.
```
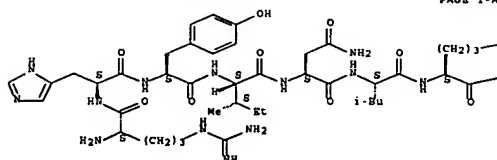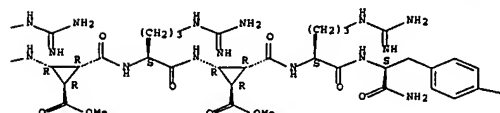
PAGE 1-A

PAGE 1-C

—OH

RN   556836-98-7 HCAPLUS
CN   L-Tyrosinamide, L-asparaginyl-L-leucyl-L-arginyl-(1R,2R,3R)-2-amino-3-
      (methoxycarbonyl)cyclopropanecarbonyl-L-arginyl-(1R,2R,3R)-2-amino-3-
      (methoxycarbonyl)cyclopropanecarbonyl-L-arginyl- (9CI)   (CA INDEX NAME)

Absolute stereochemistry.

PAGE 1-A

RN   705283-66-5 HCAPLUS
CN   L-Tyrosinamide, L-arginyl-L-histidyl-L-tyrosyl-L-isoleucyl-L-asparaginyl-L-
      leucyl-L-isoleucyl-(1S,2S,3S)-2-amino-3-(methoxycarbonyl)cyclopropanecarbo
      nyl-L-arginyl-(1S,2S,3S)-2-amino-3-(methoxycarbonyl)cyclopropanecarbonyl-L-
      arginyl- (9CI)   (CA INDEX NAME)
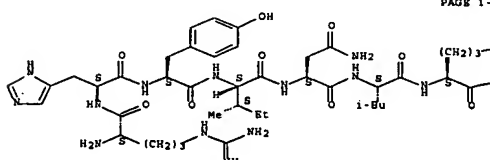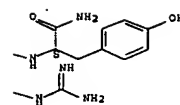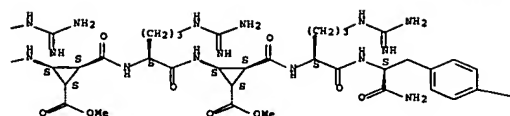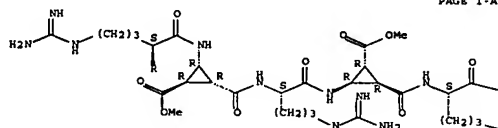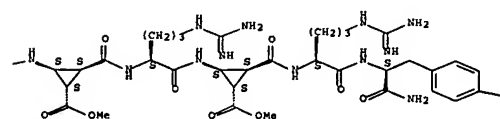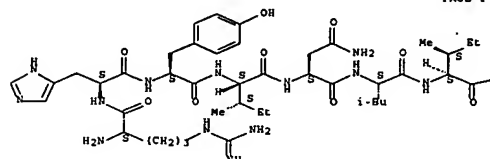
Absolute stereochemistry.

PAGE 1-A

PAGE 1-B

PAGE 1-C

REFERENCE COUNT: 8   THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS
                             RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8   ANSWER 2 OF 4   HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2003:513953 HCAPLUS Full-text
DOCUMENT NUMBER: 140:210948
TITLE: Synthesis, spectroscopic and biological studies of
                       neuropeptide Y analogs containing 2-amino-3-
                       methoxycarbonyl-1-cyclopropanecarboxylic acid
AUTHOR(S):   Cabrele, Chiara; Beumer, Raphael; Langer, Michael;
                       Reiser, Oliver; Beck-Sickinger, Annette G.
CORPORATE SOURCE: Inst. Biochemistry, Univ. Leipzig, Leipzig, D-04103,
                       Germany
SOURCE: Peptides 2000, Proceedings of the European Peptide
                       Symposium, 26th, Montpellier, France, Sept. 10-15,
                       2000 (2001), Meeting Date 2000, 795-796.
                       Editor(s): Martinez, Jean; Fehrentz, Jean-Alain.
                       Editions EDK: Paris, Fr.
                       CODEN: 69EDWK; ISBN: 2-84254-048-4
DOCUMENT TYPE: Conference
LANGUAGE: English
IT   663951-69-7
      RL: PAC (Pharmacological activity); PRP (Properties); BIOL (Biological
      study)
         (neuropeptide Y analogs synthesis, spectroscopic and biol. studies)
RN   663951-69-7 HCAPLUS
CN   L-Tyrosinamide, L-arginyl-L-histidyl-L-tyrosyl-L-isoleucyl-L-asparaginyl-L-
      leucyl-L-isoleucyl-L-threonyl-L-arginyl-(1R,2R,3R)-2-amino-3-
      (methoxycarbonyl)cyclopropanecarbonyl-L-arginyl-(1R,2R,3R)-2-amino-3-
      (methoxycarbonyl)cyclopropanecarbonyl-L-arginyl- (9CI)   (CA INDEX NAME)
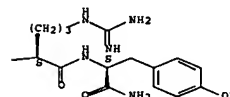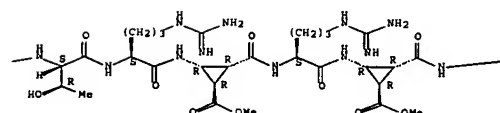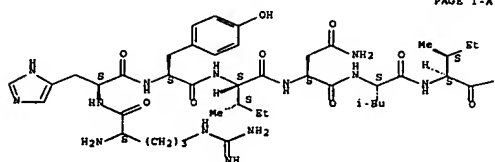
Absolute stereochemistry.

PAGE 1-A

REFERENCE COUNT: 6   THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS
                             RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8   ANSWER 3 OF 4   HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2001:887037 HCAPLUS Full-text
DOCUMENT NUMBER: 136:289144
TITLE: Receptor selectivity of conformationally constrained
                       analogs of neuropeptide Y
AUTHOR(S):   Cabrele, Chiara; Beumer, Raphael; Langner, Michael;
                       Reiser, Oliver; Beck-Sickinger, Annette G.
CORPORATE SOURCE: Institute of Biochemistry, University of Leipzig,
                       Leipzig, 04103, Germany
SOURCE: Nova Acta Leopoldina, Supplementum (2001),
                       16(Structure, Self-Organization and Stability of
                       Proteins: Experiments and Models), 47-49
                       CODEN: NLPSBC; ISSN: 0369-4771
PUBLISHER: Deutsche Akademie der Naturforscher Leopoldina
DOCUMENT TYPE: Journal
LANGUAGE: English
IT   406913-32-4 406913-34-6
      RL: BSU (Biological study, unclassified); PRP (Properties); BIOL
      (Biological study)
         (receptor selectivity of conformationally constrained analogs of
      neuropeptide Y)
RN   406913-32-4 HCAPLUS
CN   L-Tyrosinamide, N2-acetyl-L-arginyl-L-histidyl-L-tyrosyl-L-isoleucyl-L-
      asparaginyl-L-leucyl-L-isoleucyl-L-threonyl-L-arginyl-(1R,2R,3R)-2-amino-3-
      (methoxycarbonyl)cyclopropanecarbonyl-L-arginyl-(1R,2R,3R)-2-amino-3-
      (methoxycarbonyl)cyclopropanecarbonyl-L-arginyl- (9CI)   (CA INDEX NAME)

Absolute stereochemistry.
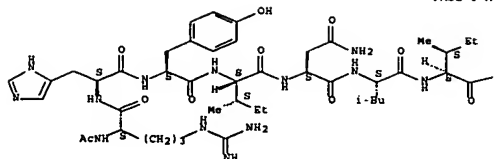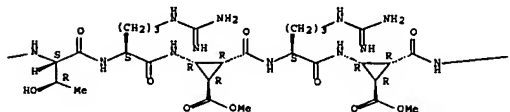
PAGE 1-A

PAGE 1-B

PAGE 1-C
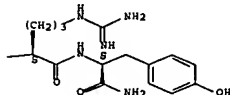
RN   406913-34-6 HCAPLUS
CN   L-Tyrosinamide, N2-acetyl-L-arginyl-L-histidyl-L-tyrosyl-L-isoleucyl-L-
      asparaginyl-L-leucyl-L-isoleucyl-L-threonyl-L-arginyl-(1S,2S,3S)-2-amino-3-
      (methoxycarbonyl)cyclopropanecarbonyl-L-arginyl-(1S,2S,3S)-2-amino-3-
      (methoxycarbonyl)cyclopropanecarbonyl-L-arginyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

CODEN: JACSAT; ISSN: 0002-7863
IT   221640-96-6P
      RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation)
      (formation of short, stable helixes in aqueous solution by β-amino acid
      hexamers)
RN   221640-96-6 HCAPLUS
CN   Cyclohexanecarboxylic acid, 2-[[(2R)-5-amino-2-[[[(1R,2R)-2-[[(2R)-5-amino-
      2-[[[(1R,2R)-2-[[(2R)-5-amino-1-oxo-2-[[(phenylmethoxy)carbonyl]amino]pent
      yl]amino]cyclohexyl]carbonyl]amino]-1-oxopentyl]amino]cyclohexyl]carbonyl]
      amino]-1-oxopentyl]amino]-, methyl ester, conjugate triacid, (1R,2R)-
      (9CI) (CA INDEX NAME)

Absolute stereochemistry.

REFERENCE COUNT: 48   THERE ARE 48 CITED REFERENCES AVAILABLE FOR THIS
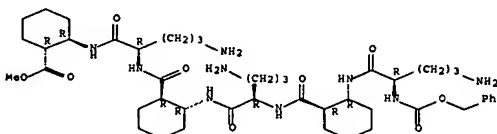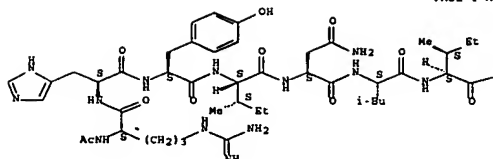   RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> FIL STNGUIDE
COST IN U.S. DOLLARS   SINCE FILE   TOTAL
                                             ENTRY   SESSION
FULL ESTIMATED COST   25.81   349.11

FILE 'STNGUIDE' ENTERED AT 16:19:04 ON 20 APR 2005
USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT
COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY, JAPAN SCIENCE
AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Apr 15, 2005 (20050415/UP).

=> 19 and multimer
=> 19 and multimer?
COMBINATION OF STRUCTURE AND TEXT TERMS NOT VALID
The query entered contains both search terms created by
structure-building or screen commands and text search terms. L#s
created via the STRUCTURE or SCREEN commands must be searched in the
structures files separately from text terms or profiles. The L#
answer sets from structure searches can be used in crossover searches
and can be combined with text terms.

PAGE 1-A
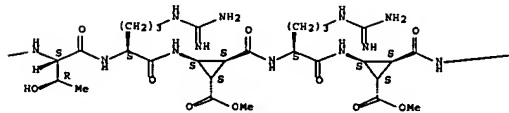
PAGE 1-B

PAGE 1-C
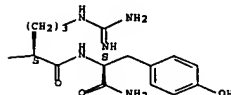
REFERENCE COUNT: 5   THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS
                              RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> fil hcaplus
COST IN U.S. DOLLARS   SINCE FILE   TOTAL
                                             ENTRY   SESSION
FULL ESTIMATED COST   0.36   349.47

FILE 'HCAPLUS' ENTERED AT 16:22:26 ON 20 APR 2005
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)

FILE COVERS 1907 - 20 Apr 2005 VOL 142 ISS 17
FILE LAST UPDATED: 19 Apr 2005 (20050419/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

    This file contains CAS Registry Numbers for easy and accurate
    substance identification.

=> 19 and multimer?
            7461 MULTIMER?
L10   1 L9 AND MULTIMER?

=> d l10 ibib hitstr

    PATENT NO.   KIND   DATE   APPLICATION NO.   DATE
    --------------   ----   --------   ------------------   --------
    WO 2000020358   A2   20000413   WO 1999-US18790   19990820 <--
    WO 2000020358   A3   20001116
        W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ,
            DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS,
            JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK,
            MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ,

      CA 2341346   AA   20000413   CA 1999-2341346   19990820 <--
      BR 9913374   A   20010515   BR 1999-13374   19990820 <--
      EP 1105120   A2   20010613   EP 1999-968010   19990820 <--
      EP 1105120   B1   20050323
         R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
            IE, SI, LT, LV, FI, RO
      EE 200100102   A   20020617   EE 2001-102   19990820 <--
      SI 20746   C   20020630   SI 1999-20076   19990820 <--
      TR 200100631   T2   20020821   TR 2001-200100631   19990820 <--
      JP 2002535244   T2   20021022   JP 2000-574479   19990820 <--
      AU 759310   B2   20030410   AU 2000-24709   19990820 <--
      NZ 509252   A   20040528   NZ 1999-509252   19990820 <--
      NO 2001000309   A   20010411   NO 2001-309   20010119 <--
      ZA 2001000831   A   20020822   ZA 2001-831   20010130 <--
      LV 12732   B   20020320   LV 2001-45   20010316 <--
      BG 105362   A   20011231   BG 2001-105362   20010319 <--
      LT 4904   B   20020425   LT 2001-24   20010319 <--
      US 2004010033   A1   20040115   US 2003-353160   20030708 <--
PRIORITY APPLN. INFO.:   US 1998-97520P   P   19980820 <--
                                           WO 1999-US18790   W   19990820 <--
                                           US 2001-763216   B3   20010220 <--
OTHER SOURCE(S):   MARPAT 132:279106
 IT   263857-18-7P
      RL: BAC (Biological activity or effector, except adverse); BSU (Biological
      study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use);
      BIOL (Biological study); PREP (Preparation); USES (Uses)
      (target compound; preparation of non-peptide GnRH agents for regulating
      gonadotropin secretion)
 RN   263857-18-7 HCAPLUS
 CN   Glycine, N-[2-[[[5-[(5,6,7,8-tetrahydro-3,5,5,8,8-pentamethyl-2-
      naphthalenyl)methyl]-2-furanyl]carbonyl]amino]benzoyl]-, methyl ester
      (9CI) (CA INDEX NAME)
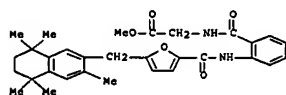
=> file reg
COST IN U.S. DOLLARS   SINCE FILE   TOTAL
                                               ENTRY   SESSION
FULL ESTIMATED COST   27.89   377.36

FILE 'REGISTRY' ENTERED AT 16:28:39 ON 20 APR 2005
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2005 American Chemical Society (ACS)

chain nodes :
3 4 5 6 7 8 9 10 13 14 15 16 17 18 27 34 35 36 37 38 39 40 47
48 49 50 51 52
ring nodes :
1 2 11 12 19 20 21 22 23 24 25 26 28 29 30 31 32 33 41 42 43
44 45 46
chain bonds :
1-4 2-3 4-5 4-6 6-7 7-8 8-9 8-10 10-11 12-13 13-14 13-15 15-16 16-17
17-18 17-27 27-28 33-34 34-35 34-36 36-37 37-38 38-39 38-40 40-41 46-47
47-48 47-49 49-50 50-51 51-52
ring bonds :
1-2 1-22 2-19 11-12 11-23 12-26 19-20 20-21 21-22 23-24 24-25 25-26 28-
29 28-33 29-30 30-31 31-32 32-33 41-42 41-46 42-43 43-44 44-45 45-46
exact/norm bonds :
1-2 1-22 2-19 4-5 4-6 6-7 8-9 8-10 10-11 11-12 11-23 12-26 13-14
13-15 15-16 17-18 17-27 19-20 20-21 21-22 23-24 24-25 25-26 27-28 28-29
28-33 29-30 30-31 31-32 32-33 34-35 36-37 38-39 38-40 40-41 41-42
41-46 42-43 43-44 44-45 45-46 47-48 47-49 49-50 51-52
exact bonds :
1-4 7-8 12-13 16-17 33-34 37-38 46-47 50-51

Match level :
1:Atom 2:Atom 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 9:CLASS
10:CLASS 11:Atom 12:Atom 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS
18:CLASS 19:Atom 20:Atom 21:Atom 22:CLASS 23:CLASS 24:CLASS 25:Atom 26:Atom
27:CLASS 28:Atom 29:Atom 30:Atom 31:Atom 32:Atom 33:Atom 34:CLASS 35:CLASS
36:CLASS 37:CLASS 38:CLASS 39:CLASS 40:CLASS 41:Atom 42:Atom 43:Atom
44:Atom 45:Atom 46:Atom 47:CLASS 48:CLASS 49:CLASS 50:CLASS 51:CLASS
52:CLASS

L11   STRUCTURE UPLOADED

=> dis 111
L11 HAS NO ANSWERS
L11   STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

=> s 111 sam
SAMPLE SEARCH INITIATED 16:29:04 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -   18 TO ITERATE

100.0% PROCESSED   18 ITERATIONS   0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS: 106 TO   614
PROJECTED ANSWERS: 0 TO   0

L12   0 SEA SSS SAM L11

=> s 111 ful
FULL SEARCH INITIATED 16:29:08 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -   490 TO ITERATE

100.0% PROCESSED   490 ITERATIONS   2 ANSWERS
SEARCH TIME: 00.00.01

L13   2 SEA SSS FUL L11

=> fil hcaplus
COST IN U.S. DOLLARS   SINCE FILE   TOTAL
                                               ENTRY   SESSION
FULL ESTIMATED COST   161.33   538.69

FILE 'HCAPLUS' ENTERED AT 16:29:19 ON 20 APR 2005
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate
substance identification.

```
=> s 113
L14         1 L13

=> d 114
```
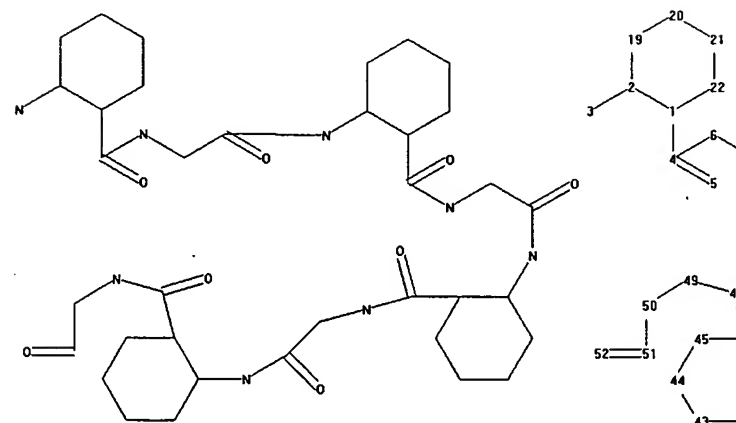
L14 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2005 ACS on STN
AN   2004:183000 HCAPLUS Full-text
DN   140:199750
TI   Heterogeneous foldamers containing α, β and/or γ-amino
     acids
IN   Gellman, Samuel H.; Hayen, Ahlke; Schmitt, Margaret A.; Ngassa, Felix N.
PA   Wisconsin Alumni Research Foundation, USA
SO   PCT Int. Appl., 149 pp.
     CODEN: PIXXD2
DT   Patent
LA   English
FAN.CNT 1

```
     PATENT NO.          KIND   DATE        APPLICATION NO.      DATE
     ---------------     ----   --------    ------------------   --------
PI   WO 2004018644       A2     20040304    WO 2003-US26694      20030826
     WO 2004018644       A3     20040701
        W:  AS, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
            CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
            GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
            LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM,
            PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN,
            TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW
        RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
            KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES,
            FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR,
            BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
     US 2004116654       A1     20040617    US 2003-648089       20030826
PRAI US 2002-406006P     P      20020826
```

```
=> d 114 hitstr
```

L14 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2005 ACS on STN
IT   661478-62-2P 661478-63-3P
     RL: SPN (Synthetic preparation); PREP (Preparation)
        (heterogeneous foldamers containing α, β, and/or γ-amino
        acids)
RN   661478-62-2 HCAPLUS
CN   D-Tyrosinamide, N2-[[(1R,2R)-2-(acetylamino)cyclohexyl]carbonyl]-D-lysyl-
     (1R,2R)-2-aminocyclohexanecarbonyl-D-tyrosyl-(1R,2R)-2-
     aminocyclohexanecarbonyl-D-lysyl-(1R,2R)-2-aminocyclohexanecarbonyl- (9CI)
     (CA INDEX NAME)

Absolute stereochemistry.

NH2
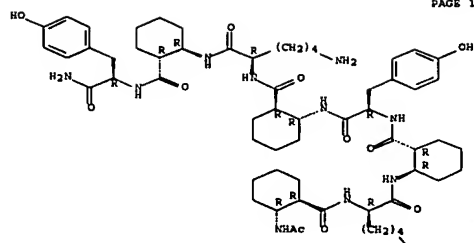
RN   661478-63-3 HCAPLUS
CN   L-Tyrosinamide, N2-[[(1R,2R)-2-(acetylamino)cyclohexyl]carbonyl]-L-lysyl-
     (1R,2R)-2-aminocyclohexanecarbonyl-L-tyrosyl-(1R,2R)-2-
     aminocyclohexanecarbonyl-L-lysyl-(1R,2R)-2-aminocyclohexanecarbonyl- (9CI)
     (CA INDEX NAME)

Absolute stereochemistry.

NH2

```
=> d his
```

(FILE 'HOME' ENTERED AT 16:14:09 ON 20 APR 2005)

```
    FILE 'REGISTRY' ENTERED AT 16:14:35 ON 20 APR 2005
L1          STRUCTURE UPLOADED
L2          STRUCTURE UPLOADED
L3        2 S L1 SAM
L4       50 S L2 SAM
L5       31 S L3 FUL
L6     7159 S L4 FUL

    FILE 'HCAPLUS' ENTERED AT 16:16:14 ON 20 APR 2005
L7        9 S L5
L8        4 L7 AND (PD<20020826 OR PRD<20020826)
L9     1119 L6 AND (PD<20020826 OR PRD<20020826)

    FILE 'STNGUIDE' ENTERED AT 16:19:04 ON 20 APR 2005

    FILE 'HCAPLUS' ENTERED AT 16:22:26 ON 20 APR 2005
L10       1 L9 AND MULTIMER?

    FILE 'REGISTRY' ENTERED AT 16:28:39 ON 20 APR 2005
L11         STRUCTURE UPLOADED
L12       0 S L11 SAM
L13       2 S L11 FUL

    FILE 'HCAPLUS' ENTERED AT 16:29:19 ON 20 APR 2005
L14       1 S L13

=> s appella/au
L15       1 APPELLA/AU

=> d 115 ibib
```

L15 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 1993:514074 HCAPLUS Full-text
DOCUMENT NUMBER: 119:114074
TITLE: Mutation of the serine 15 phosphorylation site of
                       human p53 reduces the ability of p53 to inhibit cell
                       cycle progression
AUTHOR(S):   Fiscella, Michele; Ullrich, Stephen J.; Zambrano,
                       Nicola; Shields, Michelle T.; Lin, David; Lees-Miller,
                       Susan P.; Anderson, Carl W.; Mercer, W. Edward;
                       Appella
CORPORATE SOURCE: Lab. Cell Biol., Natl. Inst. Health, Bethesda, MD,
                       20892, USA
SOURCE: Oncogene (1993), 8(6), 1519-28
                       CODEN: ONCNES; ISSN: 0950-9232
DOCUMENT TYPE: Journal
LANGUAGE: English

```
=> e appella/au
E1          1       APPELL RODNEY/AU
E2         10       APPELL RODNEY A/AU
E3          1 -->   APPELLA/AU
E4          1       APPELLA D H/AU
E5          2       APPELLA DANIEL/AU
E6         36       APPELLA DANIEL H/AU
E7          1       APPELLA DANIEL HOWARD/AU
E8         64       APPELLA E/AU
E9          1       APPELLA EITORE/AU
E10       474       APPELLA ETTORE/AU
E11         1       APPELLA ETTORI/AU
E12         1       APPELLE F/AU

=> s e6
L16        36 "APPELLA DANIEL H"/AU

=> e barchi/au
E1          1       BARCHFELD ROTHSCHILD C C/AU
E2          1       BARCHFELD S/AU
E3          0 -->   BARCHI/AU
E4          1       BARCHI A TEJEIRA/AU
E5          1       BARCHI AND JOSEPH J/AU
E6          4       BARCHI D/AU
E7          1       BARCHI DANIELA/AU
E8          2       BARCHI ENRICO/AU
E9          1       BARCHI HENRY J/AU
E10         1       BARCHI J J/AU
E11         4       BARCHI J J JR/AU
E12         1       BARCHI JOE/AU

=> s e11
L17         4 "BARCHI J J JR"/AU

=> e durrell/au
E1          1       DURREGO PEDRO/AU
E2          2       DURREL WILLIAM S/AU
E3          0 -->   DURRELL/AU
E4          1       DURRELL CHRISTOPHER N/AU
E5         13       DURRELL CORDELL/AU
E6          1       DURRELL D E/AU
E7          1       DURRELL D M/AU
E8          1       DURRELL DAWN M/AU
E9          7       DURRELL DIANE E/AU
E10         1       DURRELL HAROLD/AU
E11         2       DURRELL J/AU
E12        20       DURRELL J H/AU

=> e durrell/au
E1          1       DUREL VANESSA/AU
E2          1       DUREL VINCENT/AU
E3          0 -->   DURELL/AU
E4          2       DURELL ANNA MAY/AU
E5          3       DURELL BRIGIT/AU
E6          8       DURELL BRIGIT G/AU
E7          1       DURELL C T/AU
E8          1       DURELL E/AU
E9          1       DURELL EDWARD H/AU
E10         2       DURELL ERIC Q/AU
```

```
E11        1      DURELL G/AU
E12        4      DURELL G S/AU

=>
=> e
E13        2      DURELL GLENN D/AU
E14        3      DURELL GREG/AU
E15        2      DURELL GREG S/AU
E16        2      DURELL GREGORY/AU
E17        9      DURELL GREGORY S/AU
E18       20      DURELL J/AU
E19      171      DURELL J L/AU
E20       21      DURELL JACK/AU
E21        4      DURELL M/AU
E22        1      DURELL MARTIN/AU
E23        4      DURELL S/AU
E24        3      DURELL S R/AU

=> e
E25        6      DURELL STEWART/AU
E26       36      DURELL STEWART R/AU
E27        1      DURELL STEWART RICHARD/AU
E28        1      DURELL WILLIAM S/AU
E29        1      DURELL WM D/AU
E30        1      DURELLE J/AU
E31        4      DURELLI A J/AU
E32        3      DURELLI AUGUST J/AU
E33        1      DURELLI DINO/AU
E34        1      DURELLI E/AU
E35       17      DURELLI L/AU
E36       16      DURELLI LUCA/AU

=> s e25-e27
           6      "DURELL STEWART"/AU
          36      "DURELL STEWART R"/AU
           1      "DURELL STEWART RICHARD"/AU
L18       43      ("DURELL STEWART"/AU OR "DURELL STEWART R"/AU OR "DURELL STEWART
                  RICHARD"/AU)

=> e gellman/au
E1         6      GELLISSEN K/AU
E2         4      GELLISSEN KARL/AU
E3         0 -->  GELLMAN/AU
E4         5      GELLMAN A/AU
E5        37      GELLMAN A J/AU
E6         7      GELLMAN ANDREW/AU
E7       125      GELLMAN ANDREW J/AU
E8         1      GELLMAN ANDREW JOHN/AU
E9         2      GELLMAN BARRY/AU
E10       13      GELLMAN BARRY N/AU
E11        1      GELLMAN DEREK D/AU
E12        1      GELLMAN GABRIELLE/AU

=> e
E13        5      GELLMAN H/AU
E14       14      GELLMAN I/AU
E15       16      GELLMAN ISAIAH/AU
E16        1      GELLMAN J M/AU
E17        3      GELLMAN JOEL/AU
E18        1      GELLMAN KAREN/AU

E19        1      GELLMAN L E/AU
E20        1      GELLMAN L J/AU
E21        2      GELLMAN LAURA J/AU
E22        2      GELLMAN LAURA JANE/AU
E23        1      GELLMAN MARC/AU
E24        2      GELLMAN MARC D/AU

=> e
E25        1      GELLMAN MARC DOUGLAS/AU
E26        1      GELLMAN NAOMI/AU
E27        1      GELLMAN R/AU
E28        1      GELLMAN R L/AU
E29        2      GELLMAN RANDY L/AU
E30        2      GELLMAN RANDY LYANNE/AU
E31        8      GELLMAN S H/AU
E32        1      GELLMAN SAMUEL/AU
E33      190      GELLMAN SAMUEL H/AU
E34        2      GELLMAN SAMUEL HELMER/AU
E35        1      GELLMAN STEVEN D/AU
E36        1      GELLMAN WILLIAM A/AU

=> s e31-e34
           8      "GELLMAN S H"/AU
           1      "GELLMAN SAMUEL"/AU
         190      "GELLMAN SAMUEL H"/AU
           2      "GELLMAN SAMUEL HELMER"/AU
L19      201      ("GELLMAN S H"/AU OR "GELLMAN SAMUEL"/AU OR "GELLMAN SAMUEL
                  H"/AU OR "GELLMAN SAMUEL HELMER"/AU)

=> d his

          (FILE 'HOME' ENTERED AT 16:14:09 ON 20 APR 2005)

          FILE 'REGISTRY' ENTERED AT 16:14:35 ON 20 APR 2005
L1                STRUCTURE UPLOADED
L2                STRUCTURE UPLOADED
L3         2 S L1 SAM
L4        50 S L2 SAM
L5        31 S L3 FUL
L6      7159 S L4 FUL

          FILE 'HCAPLUS' ENTERED AT 16:16:14 ON 20 APR 2005
L7         9 S L5
L8         4 L7 AND (PD<20020826 OR PRD<20020826)
L9      1119 L6 AND (PD<20020826 OR PRD<20020826)

          FILE 'STNGUIDE' ENTERED AT 16:19:04 ON 20 APR 2005

          FILE 'HCAPLUS' ENTERED AT 16:22:26 ON 20 APR 2005
L10        1 L9 AND MULTIMER?

          FILE 'REGISTRY' ENTERED AT 16:28:39 ON 20 APR 2005
L11               STRUCTURE UPLOADED
L12        0 S L11 SAM
L13        2 S L11 FUL

          FILE 'HCAPLUS' ENTERED AT 16:29:19 ON 20 APR 2005
L14        1 S L13
L15        1 S APPELLA/AU
             E APPELLA/AU
```

```
L16       36 S E6
             E BARCHI/AU
L17        4 S E11
             E DURRELL/AU
             E DURELL/AU
L18       43 S E25-E27
             E GELLMAN/AU
L19      201 S E31-E34

=> e appella
E1         7      APPELIUS/BI
E2        73      APPELL/BI
E3        11 -->  APPELLA/BI
E4         1      APPELLANT/BI
E5         3      APPELLANTS/BI
E6         5      APPELLATE/BI
E7        79      APPELLATION/BI
E8        14      APPELLATIONS/BI
E9        11      APPELLE/BI
E10       10      APPELMAN/BI
E11        2      APPELMANN/BI
E12        3      APPELMANS/BI

=> e appella/au
E1         1      APPELL RODNEY/AU
E2        10      APPELL RODNEY A/AU
E3         1 -->  APPELLA/AU
E4         1      APPELLA D H/AU
E5         2      APPELLA DANIEL/AU
E6        36      APPELLA DANIEL H/AU
E7         1      APPELLA DANIEL HOWARD/AU
E8        64      APPELLA E/AU
E9         1      APPELLA EITORE/AU
E10      474      APPELLA ETTORE/AU
E11        1      APPELLA ETTORI/AU
E12        1      APPELLE F/AU

=> s e4-e7
           1      "APPELLA D H"/AU
           2      "APPELLA DANIEL"/AU
          36      "APPELLA DANIEL H"/AU
           1      "APPELLA DANIEL HOWARD"/AU
L20       40      ("APPELLA D H"/AU OR "APPELLA DANIEL"/AU OR "APPELLA DANIEL
                  H"/AU OR "APPELLA DANIEL HOWARD"/AU)

=> d hs
'HS' IS NOT A VALID FORMAT FOR FILE 'HCAPLUS'

The following are valid formats:

ABS --------- GI and AB
ALL --------- BIB, AB, IND, RE
APPS -------- AI, PRAI
BIB --------- AN, plus Bibliographic Data and PI table (default)
CAN --------- List of CA abstract numbers without answer numbers
CBIB -------- AN, plus Compressed Bibliographic Data
DALL -------- ALL, delimited (end of each field identified)
DMAX -------- MAX, delimited for post-processing
FAM --------- AN, PI and PRAI in table, plus Patent Family data
FBIB -------- AN, BIB, plus Patent FAM
```

```
IND --------- Indexing data
IPC --------- International Patent Classifications
MAX --------- ALL, plus Patent FAM, RE
PATS -------- PI, SO
SAM --------- CC, SX, TI, ST, IT
SCAN -------- CC, SX, TI, ST, IT (random display, no answer numbers;
              SCAN must be entered on the same line as the DISPLAY,
              e.g., D SCAN or DISPLAY SCAN)
STD --------- BIB, IPC, and NCL

IABS -------- ABS, indented with text labels
IALL -------- ALL, indented with text labels
IBIB -------- BIB, indented with text labels
IMAX -------- MAX, indented with text labels
ISTD -------- STD, indented with text labels

OBIB -------- AN, plus Bibliographic Data (original)
OIBIB ------- OBIB, indented with text labels

SBIB -------- BIB, no citations
SIBIB ------- IBIB, no citations

HIT --------- Fields containing hit terms
HITIND ------ IC, ICA, ICI, NCL, CC and index field (ST and IT)
              containing hit terms
HITRN ------- HIT RN and its text modification
HITSTR ------ HIT RN, its text modification, its CA index name, and
              its structure diagram
HITSEQ ------ HIT RN, its text modification, its CA index name, its
              structure diagram, plus NTE and SEQ fields
FHITSTR ----- First HIT RN, its text modification, its CA index name, and
              its structure diagram
FHITSEQ ----- First HIT RN, its text modification, its CA index name, its
              structure diagram, plus NTE and SEQ fields
KWIC -------- Hit term plus 20 words on either side
OCC --------- Number of occurrence of hit term and field in which it occurs

To display a particular field or fields, enter the display field
codes.  For a list of the display field codes, enter HELP DFIELDS at
an arrow prompt (=>).  Examples of formats include: TI; TI,AU; BIB,ST;
TI,IND; TI,SO.  You may specify the format fields in any order and the
information will be displayed in the same order as the format
specification.

All of the formats (except for SAM, SCAN, HIT, HITIND, HITRN, HITSTR,
FHITSTR, HITSEQ, FHITSEQ, KWIC, and OCC) may be used with DISPLAY ACC
to view a specified Accession Number.
ENTER DISPLAY FORMAT (BIB) :hi
'HI' IS NOT A VALID FORMAT FOR FILE 'HCAPLUS'

The following are valid formats:

ABS --------- GI and AB
ALL --------- BIB, AB, IND, RE
APPS -------- AI, PRAI
BIB --------- AN, plus Bibliographic Data and PI table (default)
CAN --------- List of CA abstract numbers without answer numbers
CBIB -------- AN, plus Compressed Bibliographic Data
DALL ------- ALL, delimited (end of each field identified)
DMAX ------- MAX, delimited for post-processing
```

FAM --------- AN, PI and PRAI in table, plus Patent Family data
FBIB -------- AN, BIB, plus Patent FAM
IND --------- Indexing data
IPC --------- International Patent Classifications
MAX --------- ALL, plus Patent FAM, RE
PATS -------- PI, SO
SAM --------- CC, SX, TI, ST, IT
SCAN -------- CC, SX, TI, ST, IT (random display, no answer numbers;
              SCAN must be entered on the same line as the DISPLAY,
              e.g., D SCAN or DISPLAY SCAN)
STD --------- BIB, IPC, and NCL

IABS -------- ABS, indented with text labels
IALL -------- ALL, indented with text labels
IBIB -------- BIB, indented with text labels
IMAX -------- MAX, indented with text labels
ISTD -------- STD, indented with text labels

OBIB -------- AN, plus Bibliographic Data (original)
OIBIB ------- OBIB, indented with text labels

SBIB -------- BIB, no citations
SIBIB ------- IBIB, no citations

HIT --------- Fields containing hit terms
HITIND ------ IC, ICA, ICI, NCL, CC and index field (ST and IT)
              containing hit terms
HITRN ------- HIT RN and its text modification
HITSTR ------ HIT RN, its text modification, its CA index name, and
              its structure diagram
HITSEQ ------ HIT RN, its text modification, its CA index name, its
              structure diagram, plus NTE and SEQ fields
FHITSTR ----- First HIT RN, its text modification, its CA index name, and
              its structure diagram
FHITSEQ ----- First HIT RN, its text modification, its CA index name, its
              structure diagram, plus NTE and SEQ fields
KWIC -------- Hit term plus 20 words on either side
OCC --------- Number of occurrence of hit term and field in which it occurs

To display a particular field or fields, enter the display field
codes. For a list of the display field codes, enter HELP DFIELDS at
an arrow prompt (=>). Examples of formats include: TI; TI,AU; BIB,ST;
TI,IND; TI,SO. You may specify the format fields in any order and the
information will be displayed in the same order as the format
specification.

All of the formats (except for SAM, SCAN, HIT, HITIND, HITRN, HITSTR,
FHITSTR, HITSEQ, FHITSEQ, KWIC, and OCC) may be used with DISPLAY ACC
to view a specified Accession Number.
ENTER DISPLAY FORMAT (BIB):his
'HIS' IS NOT A VALID FORMAT FOR FILE 'HCAPLUS'

The following are valid formats:

ABS --------- GI and AB
ALL --------- BIB, AB, IND, RE
APPS -------- AI, PRAI
BIB --------- AN, plus Bibliographic Data and PI table (default)
CAN --------- List of CA abstract numbers without answer numbers
CBIB -------- AN, plus Compressed Bibliographic Data

L3   2 S L1 SAM
L4   50 S L2 SAM
L5   31 S L3 FUL
L6   7159 S L4 FUL

     FILE 'HCAPLUS' ENTERED AT 16:16:14 ON 20 APR 2005
L7   9 S L5
L8   4 L7 AND (PD<20020826 OR PRD<20020826)
L9   1119 L6 AND (PD<20020826 OR PRD<20020826)

     FILE 'STNGUIDE' ENTERED AT 16:19:04 ON 20 APR 2005

     FILE 'HCAPLUS' ENTERED AT 16:22:26 ON 20 APR 2005
L10   1 L9 AND MULTIMER?

     FILE 'REGISTRY' ENTERED AT 16:28:39 ON 20 APR 2005
L11   STRUCTURE UPLOADED
L12   0 S L11 SAM
L13   2 S L11 FUL

     FILE 'HCAPLUS' ENTERED AT 16:29:19 ON 20 APR 2005
L14   1 S L13
L15   1 S APPELLA/AU
            E APPELLA/AU
L16   36 S E6
            E BARCHI/AU
L17   4 S E11
            E DURELL/AU
            E DURELL/AU
L18   43 S E25-E27
            E GELLMAN/AU
L19   201 S E31-E34
            E APPELLA
            E APPELLA/AU
L20   40 S E4-E7
=> e barchi/au
E1   1   BARCHFELD ROTHSCHILD C C/AU
E2   1   BARCHFELD S/AU
E3   0 -->   BARCHI/AU
E4   1   BARCHI A TEJEIRA/AU
E5   1   BARCHI AND JOSEPH J/AU
E6   4   BARCHI D/AU
E7   1   BARCHI DANIELA/AU
E8   2   BARCHI ENRICO/AU
E9   1   BARCHI HENRY J/AU
E10   1   BARCHI J J/AU
E11   4   BARCHI J J JR/AU
E12   1   BARCHI JOE/AU

=> e
E13   1   BARCHI JOHN L/AU
E14   1   BARCHI JONATHAN R/AU
E15   3   BARCHI JOSEPH/AU
E16   14   BARCHI JOSEPH J/AU
E17   64   BARCHI JOSEPH J JR/AU
E18   4   BARCHI JOSEPH JR/AU
E19   9   BARCHI MARCO/AU
E20   1   BARCHI MASSIMILIANO/AU
E21   1   BARCHI PASCAL/AU

DALL -------- ALL, delimited (end of each field identified)
DMAX -------- MAX, delimited for post-processing
FAM --------- AN, PI and PRAI in table, plus Patent Family data
FBIB -------- AN, BIB, plus Patent FAM
IND --------- Indexing data
IPC --------- International Patent Classifications
MAX --------- ALL, plus Patent FAM, RE
PATS -------- PI, SO
SAM --------- CC, SX, TI, ST, IT
SCAN -------- CC, SX, TI, ST, IT (random display, no answer numbers;
              SCAN must be entered on the same line as the DISPLAY,
              e.g., D SCAN or DISPLAY SCAN)
STD --------- BIB, IPC, and NCL

IABS -------- ABS, indented with text labels
IALL -------- ALL, indented with text labels
IBIB -------- BIB, indented with text labels
IMAX -------- MAX, indented with text labels
ISTD -------- STD, indented with text labels

OBIB -------- AN, plus Bibliographic Data (original)
OIBIB ------- OBIB, indented with text labels

SBIB -------- BIB, no citations
SIBIB ------- IBIB, no citations

HIT --------- Fields containing hit terms
HITIND ------ IC, ICA, ICI, NCL, CC and index field (ST and IT)
              containing hit terms
HITRN ------- HIT RN and its text modification
HITSTR ------ HIT RN, its text modification, its CA index name, and
              its structure diagram
HITSEQ ------ HIT RN, its text modification, its CA index name, its
              structure diagram, plus NTE and SEQ fields
FHITSTR ----- First HIT RN, its text modification, its CA index name, and
              its structure diagram
FHITSEQ ----- First HIT RN, its text modification, its CA index name, its
              structure diagram, plus NTE and SEQ fields
KWIC -------- Hit term plus 20 words on either side
OCC --------- Number of occurrence of hit term and field in which it occurs

To display a particular field or fields, enter the display field
codes. For a list of the display field codes, enter HELP DFIELDS at
an arrow prompt (=>). Examples of formats include: TI; TI,AU; BIB,ST;
TI,IND; TI,SO. You may specify the format fields in any order and the
information will be displayed in the same order as the format
specification.

All of the formats (except for SAM, SCAN, HIT, HITIND, HITRN, HITSTR,
FHITSTR, HITSEQ, FHITSEQ, KWIC, and OCC) may be used with DISPLAY ACC
to view a specified Accession Number.
ENTER DISPLAY FORMAT (BIB):end

=> d his

     (FILE 'HOME' ENTERED AT 16:14:09 ON 20 APR 2005)

     FILE 'REGISTRY' ENTERED AT 16:14:35 ON 20 APR 2005
L1   STRUCTURE UPLOADED
L2   STRUCTURE UPLOADED

E22   27   BARCHI R L/AU
E23   2   BARCHI ROBERT/AU
E24   77   BARCHI ROBERT L/AU

=> s e10-e12
          1 *BARCHI J J*/AU
          4 *BARCHI J J JR*/AU
          1 *BARCHI JOE*/AU
L21   6 (*BARCHI J J*/AU OR *BARCHI J J JR*/AU OR *BARCHI JOE*/AU)

=> l 118-120 and peptide
MISSING OPERATOR 'L (L18'
The search profile that was entered contains terms or
nested terms that are not separated by a logical operator.

=> s 118-121 and peptide
     328030 PEPTIDE
     239901 PEPTIDES
     419990 PEPTIDE
            (PEPTIDE OR PEPTIDES)
L22   142 (L18 OR L19 OR L20 OR L21) AND PEPTIDE

=> l22 and octamer?
       4665 OCTAMER?
L23   2 L22 AND OCTAMER?

=> d l23 ibib

L23 ANSWER 1 OF 2 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2000:153655 HCAPLUS Full-text
DOCUMENT NUMBER: 132:347881
TITLE: Solution conformations of helix-forming β-amino
                       acid homooligomers
AUTHOR(S):   Barchi, Joseph J., Jr.; Huang, Xiaolin; Appella,
                       Daniel H.; Christianson, Laurie A.; Durell,
                       Stewart R.; Gellman, Samuel H.
CORPORATE SOURCE: Laboratory of Medicinal Chemistry and Laboratory of
                       Experimental and Computational Biology Division of
                       Basic Sciences, National Cancer Institute, Bethesda,
                       MD, 20892-4255, USA
SOURCE: Journal of the American Chemical Society (2000),
                       122(12), 2711-2718
                       CODEN: JACSAT; ISSN: 0002-7863
PUBLISHER: American Chemical Society
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 59   THERE ARE 59 CITED REFERENCES AVAILABLE FOR THIS
                       RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> FIL STNGUIDE
COST IN U.S. DOLLARS   SINCE FILE   TOTAL
                                                ENTRY   SESSION
FULL ESTIMATED COST   44.79   583.48

FILE 'STNGUIDE' ENTERED AT 16:38:37 ON 20 APR 2005
USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT
COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY, JAPAN SCIENCE
AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

```
FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Apr 15, 2005 (20050415/UP).

=> d 123 ibib 2
YOU HAVE REQUESTED DATA FROM FILE 'HCAPLUS' - CONTINUE? (Y)/N:y


L23  ANSWER 2 OF 2  HCAPLUS  COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER:      1999:488480 HCAPLUS Full-text
DOCUMENT NUMBER:       131:257853
TITLE:                 Synthesis and Structural Characterization of
                       Helix-Forming β-Peptides:
                       trans-2-Aminocyclopentanecarboxylic Acid Oligomers
AUTHOR(S):             Appella, Daniel H.; Christianson, Laurie A.;
                       Klein, Daniel A.; Richards, Michele R.; Powell,
                       Douglas R.; Gellman, Samuel H.
CORPORATE SOURCE:      Department of Chemistry, University of Wisconsin,
                       Madison, WI, 53706-1396, USA
SOURCE:                Journal of the American Chemical Society (1999),
                       121(33), 7574-7581
                       CODEN: JACSAT; ISSN: 0002-7863
PUBLISHER:             American Chemical Society
DOCUMENT TYPE:         Journal
LANGUAGE:              English
REFERENCE COUNT:       58   THERE ARE 58 CITED REFERENCES AVAILABLE FOR THIS
                            RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT


=> d his

      (FILE 'HOME' ENTERED AT 16:14:09 ON 20 APR 2005)

      FILE 'REGISTRY' ENTERED AT 16:14:35 ON 20 APR 2005
L1             STRUCTURE UPLOADED
L2             STRUCTURE UPLOADED
L3         2 S L1 SAM
L4        50 S L2 SAM
L5        31 S L3 FUL
L6      7159 S L4 FUL

      FILE 'HCAPLUS' ENTERED AT 16:16:14 ON 20 APR 2005
L7         9 S L5
L8         4 L7 AND (PD<20020826 OR PRD<20020826)
L9      1119 L6 AND (PD<20020826 OR PRD<20020826)

      FILE 'STNGUIDE' ENTERED AT 16:19:04 ON 20 APR 2005

      FILE 'HCAPLUS' ENTERED AT 16:22:26 ON 20 APR 2005
L10        1 L9 AND MULTIMER?

      FILE 'REGISTRY' ENTERED AT 16:28:39 ON 20 APR 2005
L11            STRUCTURE UPLOADED
L12        0 S L11 SAM
L13        2 S L11 FUL

      FILE 'HCAPLUS' ENTERED AT 16:29:19 ON 20 APR 2005
L14        1 S L13
L15        1 S APPELLA/AU
             E APPELLA/AU
```

```
L16       36 S E6
            E BARCHI/AU
L17        4 S E11
            E DURRELL/AU
            E DURELL/AU
L18       43 S E25-E27
            E GELLMAN/AU
L19      201 S E31-E34
            E APPELLA
            E APPELLA/AU
L20       40 S E4-E7
            E BARCHI/AU
L21        6 S E10-E12
L22      142 S L18-L21 AND PEPTIDE
L23        2 L22 AND OCTAMER?

      FILE 'STNGUIDE' ENTERED AT 16:38:37 ON 20 APR 2005

      FILE 'HCAPLUS' ENTERED AT 16:39:33 ON 20 APR 2005

      FILE 'STNGUIDE' ENTERED AT 16:39:33 ON 20 APR 2005

=> 122 and beta-amino
'AU' IS NOT A VALID FIELD CODE
            0 "DURELL STEWART"/AU
            0 "DURELL STEWART R"/AU
            0 "DURELL STEWART RICHARD"/AU
            0 "GELLMAN S H"/AU
            0 "GELLMAN SAMUEL"/AU
            0 "GELLMAN SAMUEL H"/AU
            0 "GELLMAN SAMUEL HELMER"/AU
            0 "APPELLA D H"/AU
            0 "APPELLA DANIEL"/AU
            0 "APPELLA DANIEL H"/AU
            0 "APPELLA DANIEL HOWARD"/AU
            0 "BARCHI J J"/AU
            0 "BARCHI J J JR"/AU
            0 "BARCHI JOE"/AU
            1 PEPTIDE
            0 BETA
            2 AMINO
            0 BETA-AMINO
              (BETA(W)AMINO)
L24        0 L22 AND BETA-AMINO

=> fil hcaplus; 122 and "beta amino"
COST IN U.S. DOLLARS                    SINCE FILE    TOTAL
                                          ENTRY     SESSION
FULL ESTIMATED COST                       0.36      587.51

FILE 'HCAPLUS' ENTERED AT 16:43:17 ON 20 APR 2005
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)


Copyright of the articles to which records in this database refer is
held by the publishers listed in the PUBLISHER (PB) field (available
for records published or updated in Chemical Abstracts after December
26, 1996), unless otherwise indicated in the original publications.
```

```
      1310842 "BETA"
         1324 "BETAS"
      1310913 "BETA"
              ("BETA" OR "BETAS")
      1020423 "AMINO"
           42 "AMINOS"
      1020440 "AMINO"
              ("AMINO" OR "AMINOS")
         6847 "BETA AMINO"
              ("BETA"(W)"AMINO")
L25       48 L22 AND "BETA AMINO"

=> 125 and multimer?
         7461 MULTIMER?
L26        0 L25 AND MULTIMER?

=> 126 and (pd<20020826 or prd<20020826)
     22447887 PD<20020826
              (PD<20020826)
      3544353 PRD<20020826
              (PRD<20020826)
L27        0 L26 AND (PD<20020826 OR PRD<20020826)

=> DIS HIST
      (FILE 'HOME' ENTERED AT 16:14:09 ON 20 APR 2005)

      FILE 'REGISTRY' ENTERED AT 16:14:35 ON 20 APR 2005
L1             STRUCTURE UPLOADED
L2             STRUCTURE UPLOADED
L3         2 S L1 SAM
L4        50 S L2 SAM
L5        31 S L3 FUL
L6      7159 S L4 FUL

      FILE 'HCAPLUS' ENTERED AT 16:16:14 ON 20 APR 2005
L7         9 S L5
L8         4 L7 AND (PD<20020826 OR PRD<20020826)
L9      1119 L6 AND (PD<20020826 OR PRD<20020826)

      FILE 'STNGUIDE' ENTERED AT 16:19:04 ON 20 APR 2005

      FILE 'HCAPLUS' ENTERED AT 16:22:26 ON 20 APR 2005
L10        1 L9 AND MULTIMER?
```

```
      FILE 'REGISTRY' ENTERED AT 16:28:39 ON 20 APR 2005
L11            STRUCTURE UPLOADED
L12        0 S L11 SAM
L13        2 S L11 FUL

      FILE 'HCAPLUS' ENTERED AT 16:29:19 ON 20 APR 2005
L14        1 S L13
L15        1 S APPELLA/AU
             E APPELLA/AU
L16       36 S E6
             E BARCHI/AU
L17        4 S E11
             E DURRELL/AU
             E DURELL/AU
L18       43 S E25-E27
             E GELLMAN/AU
L19      201 S E31-E34
             E APPELLA
             E APPELLA/AU
L20       40 S E4-E7
             E BARCHI/AU
L21        6 S E10-E12
L22      142 S L18-L21 AND PEPTIDE
L23        2 L22 AND OCTAMER?

      FILE 'STNGUIDE' ENTERED AT 16:38:37 ON 20 APR 2005

      FILE 'HCAPLUS' ENTERED AT 16:39:33 ON 20 APR 2005

      FILE 'STNGUIDE' ENTERED AT 16:39:33 ON 20 APR 2005
L24        0 L22 AND BETA-AMINO

      FILE 'HCAPLUS' ENTERED AT 16:43:17 ON 20 APR 2005
L25       48 L22 AND "BETA AMINO"
L26        0 L25 AND MULTIMER?
L27        0 L26 AND (PD<20020826 OR PRD<20020826)

=>

---Logging off of STN---


=>
Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS                    SINCE FILE    TOTAL
                                          ENTRY     SESSION
FULL ESTIMATED COST                       9.80      597.31

STN INTERNATIONAL LOGOFF AT 16:45:29 ON 20 APR 2005
```

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssspta1653adk

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * *   Welcome to STN International   * * * * * * * * * *

NEWS 1   Web Page URLs for STN Seminar Schedule - N. America
NEWS 2   "Ask CAS" for self-help around the clock
NEWS 3   FEB 25 CA/CAPLUS - Russian Agency for Patents and Trademarks
                  (ROSPATENT) added to list of core patent offices covered
NEWS 4   FEB 28 PATDPAFULL - New display fields provide for legal status
                  data from INPADOC
NEWS 5   FEB 28 BABS - Current-awareness alerts (SDIs) available
NEWS 6   FEB 28 MEDLINE/LMEDLINE reloaded
NEWS 7   MAR 02 GBFULL: New full-text patent database on STN
NEWS 8   MAR 03 REGISTRY/ZREGISTRY - Sequence annotations enhanced
NEWS 9   MAR 03 MEDLINE file segment of TOXCENTER reloaded
NEWS 10   MAR 22 KOREAPAT now updated monthly; patent information enhanced
NEWS 11   MAR 22 Original IDE display format returns to REGISTRY/ZREGISTRY
NEWS 12   MAR 22 PATDPASPC - New patent database available
NEWS 13   MAR 22 REGISTRY/ZREGISTRY enhanced with experimental property tags
NEWS 14   APR 04 EPFULL enhanced with additional patent information and new
                  fields
NEWS 15   APR 04 EMBASE - Database reloaded and enhanced
NEWS 16   APR 18 New CAS Information Use Policies available online

NEWS EXPRESS   JANUARY 10 CURRENT WINDOWS VERSION IS V7.01a, CURRENT
               MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
               AND CURRENT DISCOVER FILE IS DATED 10 JANUARY 2005

NEWS HOURS   STN Operating Hours Plus Help Desk Availability
NEWS INTER   General Internet Information
NEWS LOGIN   Welcome Banner and News Items
NEWS PHONE   Direct Dial and Telecommunication Network Access to STN
NEWS WWW   CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
specific topic.

  All use of STN is subject to the provisions of the STN Customer
  agreement. Please note that this agreement limits use to scientific
  research. Use for software development or design or implementation
  of commercial gateways or other similar uses is prohibited and may
  result in loss of user privileges and other penalties.

  * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 17:13:10 ON 20 APR 2005

=> fil reg
COST IN U.S. DOLLARS   SINCE FILE   TOTAL
                                                    ENTRY   SESSION
FULL ESTIMATED COST   0.21   0.21

=>
Uploading H:\STN queries\10648089e.str

L1   STRUCTURE UPLOADED

=> dis l1; s l1 sam
L1 HAS NO ANSWERS
L1   STR

Structure attributes must be viewed using STN Express query preparation.

SAMPLE SEARCH INITIATED 17:14:15 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -   20 TO ITERATE

100.0% PROCESSED   20 ITERATIONS   0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE   **COMPLETE**
                         BATCH   **COMPLETE**
PROJECTED ITERATIONS: 132 TO   668
PROJECTED ANSWERS: 0 TO   0

L2   0 SEA SSS SAM L1

=> s l1 ful
FULL SEARCH INITIATED 17:14:20 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -   566 TO ITERATE

100.0% PROCESSED   566 ITERATIONS   2 ANSWERS
SEARCH TIME: 00.00.01

L3   2 SEA SSS FUL L1

=> d l3 ide

L3   ANSWER 1 OF 2   REGISTRY   COPYRIGHT 2005 ACS on STN
RN   720710-05-4   REGISTRY
ED   Entered STN: 02 Aug 2004
CN   3-Pyrrolidinecarboxamide, 4-[[(2S)-2-[[[(1S,2R)-2-[[(2S)-2-[[[(3S,4S)-4-

(acetylamino)-3-pyrrolidinyl]carbonyl]amino]-4-methyl-1-
oxopentyl]amino]cyclopentyl]carbonyl]amino]-4-methyl-1-oxopentyl]amino]-N-
[(1S)-1-[[[(1R,2S)-2-[[[(1S)-5-amino-1-[[[(1R,2S)-2-[[[(1S)-1-[[[(1R,2S)-2-
[[[(1S)-5-amino-1-[[[(1R,2S)-2-[[[(1S)-1-[[[(3S,4S)-4-(aminocarbonyl)-3-
pyrrolidinyl]amino]carbonyl]-3-methylbutyl]amino]carbonyl]cyclopentyl]amin
o]carbonyl]pentyl]amino]carbonyl]cyclopentyl]amino]carbonyl]-3-
methylbutyl]amino]carbonyl]cyclopentyl]amino]carbonyl]pentyl]amino]carbony
l]cyclopentyl]amino]carbonyl]-3-methylbutyl]-, (3S,4S)- (9CI) (CA INDEX
NAME)

```
FS   PROTEIN SEQUENCE; STEREOSEARCH
MF   C89 H153 N21 O16
SR   CA
LC   STN Files:   CA, CAPLUS
```

Absolute stereochemistry.

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

          1 REFERENCES IN FILE CA (1907 TO DATE)
          1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d l3 ide 2

```
L3    ANSWER 2 OF 2   REGISTRY   COPYRIGHT 2005 ACS on STN
RN    661479-23-8   REGISTRY
ED    Entered STN:  11 Mar 2004
CN    Benzenepropanamide,  α-[[[(1S,2S)-2-[[(2S)-2-[[[(1S,2S)-2-
      (acetylamino)cyclopentyl]carbonyl]amino]-6-amino-1-
      oxohexyl]amino]cyclopentyl]carbonyl]amino]-N-[(1S,2S)-2-[[[(1S)-5-amino-1-
      [[[(1S,2S)-2-[[[(1S)-5-amino-1-(aminocarbonyl)pentyl]amino]carbonyl]cyclop
      entyl]amino]carbonyl]pentyl]amino]carbonyl]cyclopentyl]-4-hydroxy-,
      (αS)- (9CI)   (CA INDEX NAME)
FS    PROTEIN SEQUENCE; STEREOSEARCH
MF    C53 H86 N12 O10
SR    CA
LC    STN Files:   CA, CAPLUS, USPATFULL
```
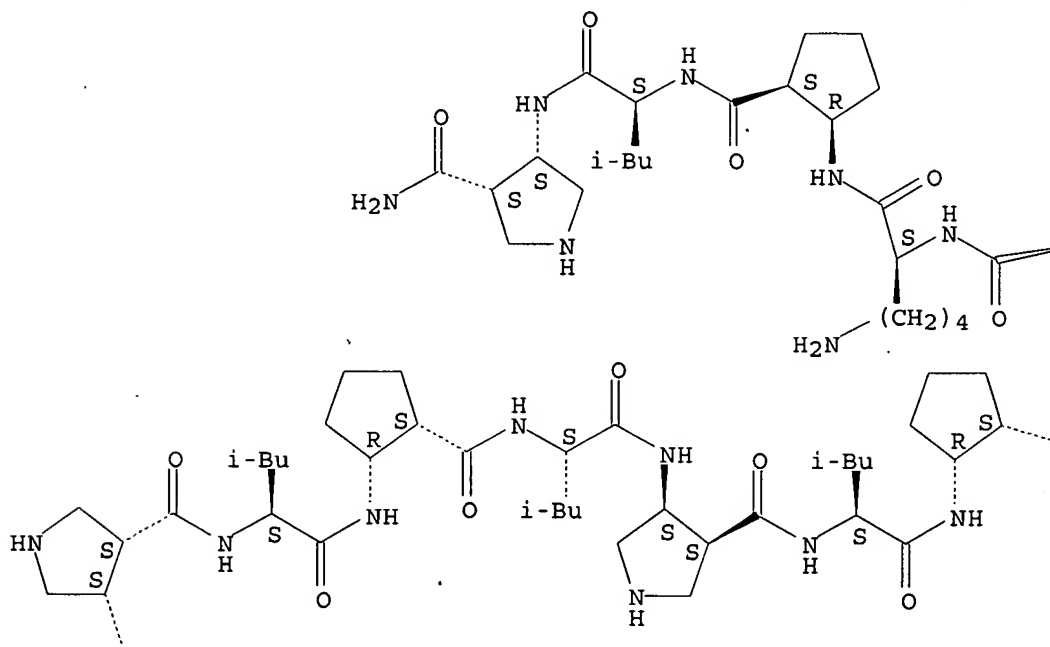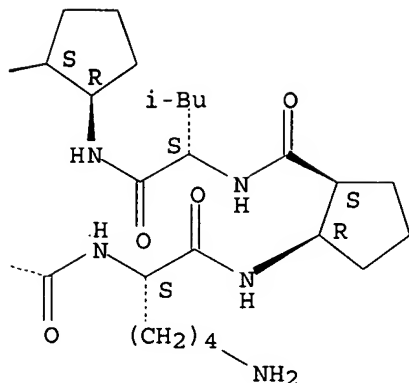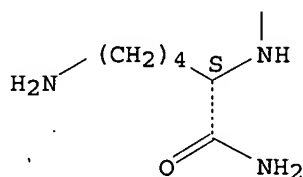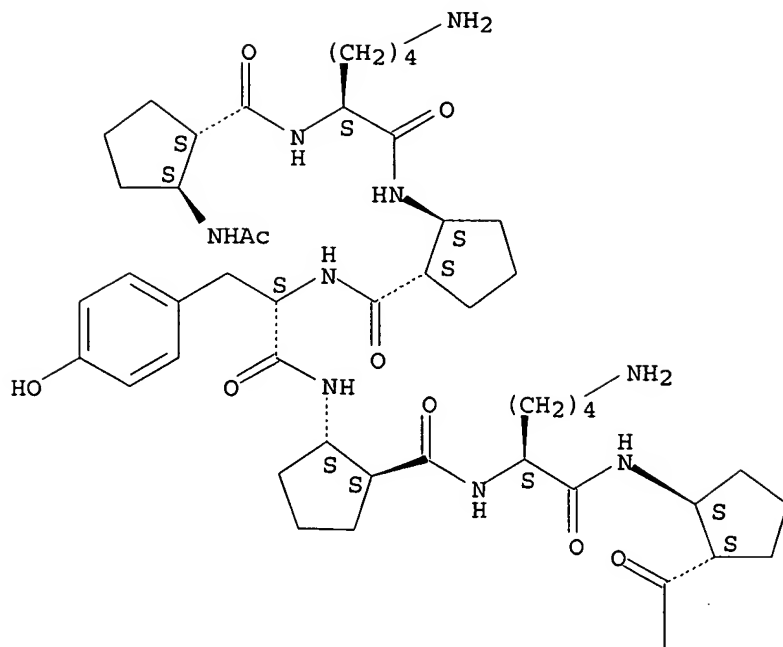
Absolute stereochemistry.

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

        1 REFERENCES IN FILE CA (1907 TO DATE)
        1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> fil hcaplus
COST IN U.S. DOLLARS   SINCE FILE   TOTAL
                                          ENTRY   SESSION
FULL ESTIMATED COST   165.01   165.22

FILE 'HCAPLUS' ENTERED AT 17:14:41 ON 20 APR 2005
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is
held by the publishers listed in the PUBLISHER (PB) field (available
for records published or updated in Chemical Abstracts after December
26, 1996), unless otherwise indicated in the original publications.
The CA Lexicon is the copyrighted intellectual property of the
the American Chemical Society and is provided to assist you in searching
databases on STN. Any dissemination, distribution, copying, or storing

FILE COVERS 1907 - 20 Apr 2005   VOL 142 ISS 17
FILE LAST UPDATED: 19 Apr 2005   (20050419/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

 This file contains CAS Registry Numbers for easy and accurate
 substance identification.

```
=> s 12
L4          0 L2

=> d his

     (FILE 'HOME' ENTERED AT 17:13:10 ON 20 APR 2005)

     FILE 'REGISTRY' ENTERED AT 17:13:56 ON 20 APR 2005
L1              STRUCTURE UPLOADED
L2           0 S L1 SAM
L3           2 S L1 FUL

     FILE 'HCAPLUS' ENTERED AT 17:14:41 ON 20 APR 2005
L4           0 S L2

=> s 13
L5          2 L3

=> d 15 ed 1-2
```

L5   ANSWER 1 OF 2   HCAPLUS   COPYRIGHT 2005 ACS on STN
ED   Entered STN: 14 May 2004

L5   ANSWER 2 OF 2   HCAPLUS   COPYRIGHT 2005 ACS on STN
ED   Entered STN: 05 Mar 2004

```
=> d 15 1-2 ibib
```

L5   ANSWER 1 OF 2   HCAPLUS   COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2004:390361   HCAPLUS
DOCUMENT NUMBER: 141:103050
TITLE: Unexpected relationships between structure and
                           function in α,β-peptides: antimicrobial
                           foldamers with heterogeneous backbones
AUTHOR(S):   Schmitt, Margaret A.; Weisblum, Bernard; Gellman,
                           Samuel H.
CORPORATE SOURCE: Department of Chemistry and Department of
                           Pharmacology, University of Wisconsin, Madison, WI,
                           53706, USA
SOURCE: Journal of the American Chemical Society (2004),
                           126(22), 6848-6849
                           CODEN: JACSAT; ISSN: 0002-7863
PUBLISHER: American Chemical Society
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 29   THERE ARE 29 CITED REFERENCES AVAILABLE FOR THIS
                                 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5   ANSWER 2 OF 2   HCAPLUS   COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2004:183000   HCAPLUS
DOCUMENT NUMBER: 140:199750
TITLE: Heterogeneous foldamers containing α,β

```
                              and/or γ-amino acids
INVENTOR(S):                  Gellman, Samuel H.; Hayen, Ahlke; Schmitt, Margaret
                              A.; Ngassa, Felix N.
PATENT ASSIGNEE(S):           Wisconsin Alumni Research Foundation, USA
SOURCE:                       PCT Int. Appl., 149 pp.
                              CODEN: PIXXD2
DOCUMENT TYPE:                Patent
LANGUAGE:                     English
FAMILY ACC. NUM. COUNT:       1
PATENT INFORMATION:

        PATENT NO.            KIND    DATE        APPLICATION NO.         DATE
        --------------        ----    --------    --------------------    --------
        WO 2004018644         A2      20040304    WO 2003-US26694         20030826
        WO 2004018644         A3      20040701
            W:  AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
                CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
                GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
                LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM,
                PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN,
                TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW
            RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
                KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES,
                FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR,
                BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
        US 2004116654         A1      20040617    US 2003-648089          20030826
PRIORITY APPLN. INFO.:                            US 2002-406006P      P  20020826


=> d his ful

        (FILE 'HOME' ENTERED AT 17:13:10 ON 20 APR 2005)

        FILE 'REGISTRY' ENTERED AT 17:13:56 ON 20 APR 2005
L1                STRUCTURE UPLOADED
                  DIS L1
L2           0 SEA SSS SAM L1
L3           2 SEA SSS FUL L1
                  D L3 IDE
                  D L3 IDE 2


        FILE 'HCAPLUS' ENTERED AT 17:14:41 ON 20 APR 2005
L4           0 SEA PLU=ON  L2
L5           2 SEA PLU=ON  L3
                  D L5 ED 1-2
                  D L5 1-2 IBIB



        FILE HOME

        FILE REGISTRY
        Property values tagged with IC are from the ZIC/VINITI data file
        provided by InfoChem.

        STRUCTURE FILE UPDATES:  19 APR 2005  HIGHEST RN 848813-58-1
        DICTIONARY FILE UPDATES: 19 APR 2005  HIGHEST RN 848813-58-1

        New CAS Information Use Policies, enter HELP USAGETERMS for details.

        TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

            Please note that search-term pricing does apply when
            conducting SmartSELECT searches.
```

```
*************************************************************
*                                                           *
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added,   *
* effective March 20, 2005.  A new display format, IDERL, is now    *
* available and contains the CA role and document type information. *
*                                                           *
*************************************************************
```

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
http://www.cas.org/ONLINE/DBSS/registryss.html

FILE HCAPLUS

Copyright of the articles to which records in this database refer is
held by the publishers listed in the PUBLISHER (PB) field (available
for records published or updated in Chemical Abstracts after December
26, 1996), unless otherwise indicated in the original publications.
The CA Lexicon is the copyrighted intellectual property of the
the American Chemical Society and is provided to assist you in searching
databases on STN. Any dissemination, distribution, copying, or storing
of this information, without the prior written consent of CAS, is
strictly prohibited.

FILE COVERS 1907 - 20 Apr 2005   VOL 142 ISS 17
FILE LAST UPDATED: 19 Apr 2005   (20050419/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

 This file contains CAS Registry Numbers for easy and accurate
 substance identification.